

DERWENT-ACC-NO: 1992-157943

DERWENT-WEEK: 199219

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TITLE: Pneumatic cotton harvester section - has casing between pressure and suction pipes forming blower chamber for more complete collection of cotton from ground

INVENTOR: AKHMEDOV, D A; KAYUMOV, P K ; MORDUKHAEV, A I

PATENT-ASSIGNEE: AUTOM-COMPUTER DES[AUTOR]

PRIORITY-DATA: 1989SU-4668519 (February 10, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
SU 1655343 A	June 15, 1991	N/A	002	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
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INT-CL (IPC): A01D046/10

ABSTRACTED-PUB-NO: SU 1655343A

BASIC-ABSTRACT:

The pneumatic cotton harvester section has pressure and suction pipes (1,2) connected to a blower fan (7) and a bin respectively. The section is equipped with a casing (4) which is situated between the pressure and suction pipes, forming an enclosed blowing chamber between them which is set in line with the harvester's direction of travel.

The suction pipe is situated in front of the pressure pipe, and the lower part of the chamber is equipped with elastic compacting plates. During operation the blower chamber follows the surface of the soil ridges, blowing any cotton lying on the soil into the suction chamber, which carries it into the bin.

ADVANTAGE - More complete gathering of cotton from ground. Bul. 22/15.6.91

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: PNEUMATIC COTTON HARVESTER SECTION CASING PRESSURE  
SUCTION PIPE  
FORMING BLOW CHAMBER MORE COMPLETE COLLECT COTTON GROUND

DERWENT-CLASS: P12

